

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1246876

Luminaire Tested: P3A13R259024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

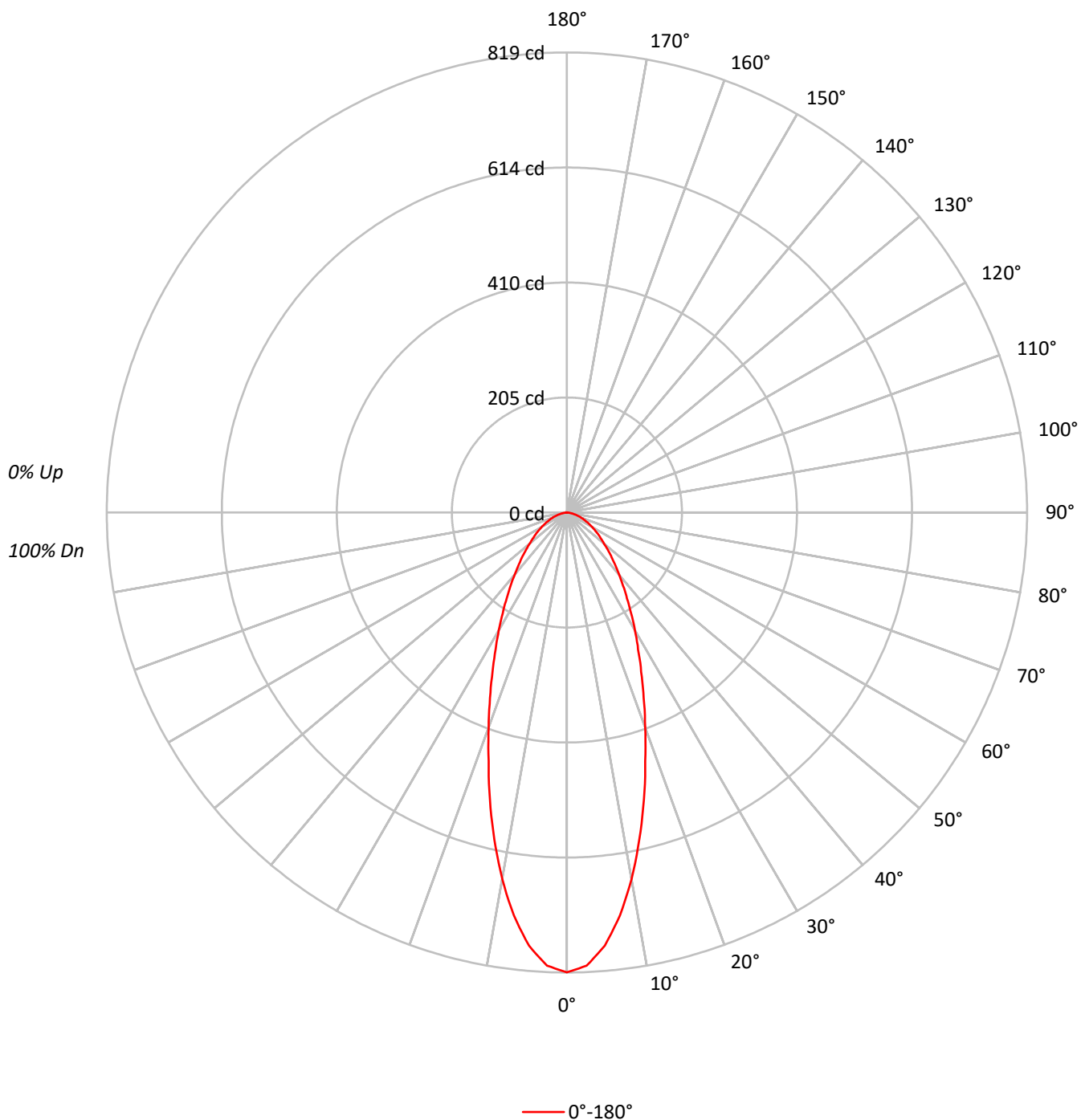
Lumens per Lamp: N/A
Luminaire Lumens: 688.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179503
5°	170394
10°	147581
15°	120160
20°	94952
25°	75706
30°	61377
35°	49978
40°	41420
45°	34887
50°	29543
55°	25997
60°	22761
65°	19872
70°	17439
75°	14657
80°	10986
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34887 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	10.2
10°-20°	146.8	21.3
20°-30°	144.7	21.0
30°-40°	117.8	17.1
40°-50°	87.4	12.7
50°-60°	61.0	8.9
60°-70°	38.2	5.6
70°-80°	18.4	2.7
80°-90°	3.5	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	361.7	52.6
0°-40°	479.5	69.7
0°-60°	627.9	91.3
0°-90°	688.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	688.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	819	
5°	774	70
15°	529	147
25°	313	145
35°	187	118
45°	112	87
55°	68	61
65°	38	38
75°	17	18
85°	2	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	818.6
2.5°	807.5
5°	774.1
7.5°	723.4
10°	662.8
12.5°	596.1
15°	529.3
17.5°	463.7
20°	406.9
22.5°	357.4
25°	312.9
27.5°	274.5
30°	242.4
32.5°	212.7
35°	186.7
37.5°	164.5
40°	144.7
42.5°	127.4
45°	112.5
47.5°	98.9
50°	86.6
52.5°	76.7
55°	68.0
57.5°	59.4
60°	51.9
62.5°	44.5
65°	38.3
67.5°	32.2
70°	27.2
72.5°	22.3
75°	17.3
77.5°	12.4
80°	8.7
82.5°	4.9
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)